NOTES:
1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE MENTIONED.
2. ALL LEVELS ARE WITH REFERENCE TO THE GTS BENCH MARK ENGRAVED ON CENTRE OF 2ND STONES ON EAST SIDE OF QUEEN VICTORIA'S STATUE IN CUBBON PARK, BANGALORE. ITS VALUE IS 910.244M.
3. TOP OF MANHOLE SHALL BE FLUSH WITH FINISHED ROAD LEVEL UNLESS NOTED BY THE ENGINEER.
4. BEDDING TO BE PROVIDED SHALL BE AS PER DRAWING OR AS DIRECTED BY THE ENGINEER.
5. DURING EXCAVATION IF SOIL IS FOUND TO BE UNUSUAL THE CONTRACTOR SHALL REPORT TO ENGINEER FOR DESIGNING APPROPRIATE BEDDING TO BE PROVIDED FOR PIPE.
6. ACTUAL ALIGNMENT OF SEWERS AND EXACT LOCATIONS OF MANHOLES SHALL BE AS PER SITE CONDITIONS & AS DIRECTED BY ENGINEER.
7. THE CONNECTION FROM/TO THE EXISTING MANHOLE SHALL BE DONE WITH PRIOR PERMISSION & AS DIRECTED BY THE ENGINEER.
8. IF THE TRUNK SEWER ROUTE IS PARALLEL TO DRAIN, THEN THE TOP OF MANHOLES SHOULD BE ATLEAST 0.3m ABOVE THE HFL OF THE DRAIN OR AS DIRECTED BY THE ENGINEER.
9. WORK TO PROCEED FROM LOWER IL TOWARDS HIGHER IL UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
10. ALIGNMENT FOR PIPE JACKING TO BE FINALISED BASED ON AVAILABILITY OF SPACE, IN CONSULTATION WITH THE DESIGN OFFICE.
11. VENTILATING SHAFT ARE PROVIDED AT INTERVALS FOR PRESSURE MANHOLES IN SWD.
12. DURING CONDITION ASSESSMENT, THE EXISTING MANHOLE/PIPES WERE FOUND TO BE IN GOOD CONDITION, THESE CAN BE RETAINED. HOWEVER IN FUTURE IF REQUIRED THEY CAN BE REPLACED WITH RCC NP3 PIPES OF SAME DIAMETER.
13. WHENEVER THE PIPE IS CROSSING STORM WATER DRAIN, AE BEDDING SHALL BE PROVIDED.

ABBREVIATIONS:
EMH – EXISTING MANHOLE
IL – INVERT LEVEL
MH – MANHOLE
L – LENGTH
GL – GROUND LEVEL

LEGENDS:
PROPOSED MANHOLE (SMH) –
EXISTING MANHOLE (SMH) –
PROPOSED ALIGNMENT –
GROUND LEVEL AS PER SURVEY –
FLOW DIRECTION –

FOR APPROVAL
DO NOT SCALE

DATUM-900.000

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
GROUND LEVEL	909.765	909.960	910.227	910.015	909.762	909.135	909.015	908.855	909.050	908.810	908.335	908.285	908.050	908.530	908.820	908.337	908.015	907.915	907.915	907.915	907.915	907.915	907.915	907.915	907.915	907.915
INVERT LEVEL	906.165	905.080	907.827	907.815	907.462	907.335	907.415	907.255	907.135	907.010	906.835	906.785	906.550	907.830	907.830	907.537	907.415	907.415	907.415	907.415	907.415	907.415	907.415	907.415	907.415	907.415
DEPTH OF CUT	1.60	1.90	2.50	2.20	1.30	1.80	1.60	1.60	1.90	1.80	1.50	1.50	1.50	1.00	1.70	1.80	1.60	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
CHAINAGE	0.00	23.40	26.10	24.00	21.30	13.70	18.80	38.40	14.00	21.30	21.10	11.50	27.80	0.00	8.00	36.50	35.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CUMULATIVE CHAINAGE	0.00	23.40	49.50	73.50	94.80	108.50	126.30	164.70	178.70	199.00	219.30	230.80	258.60	691.20	699.20	735.70	770.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

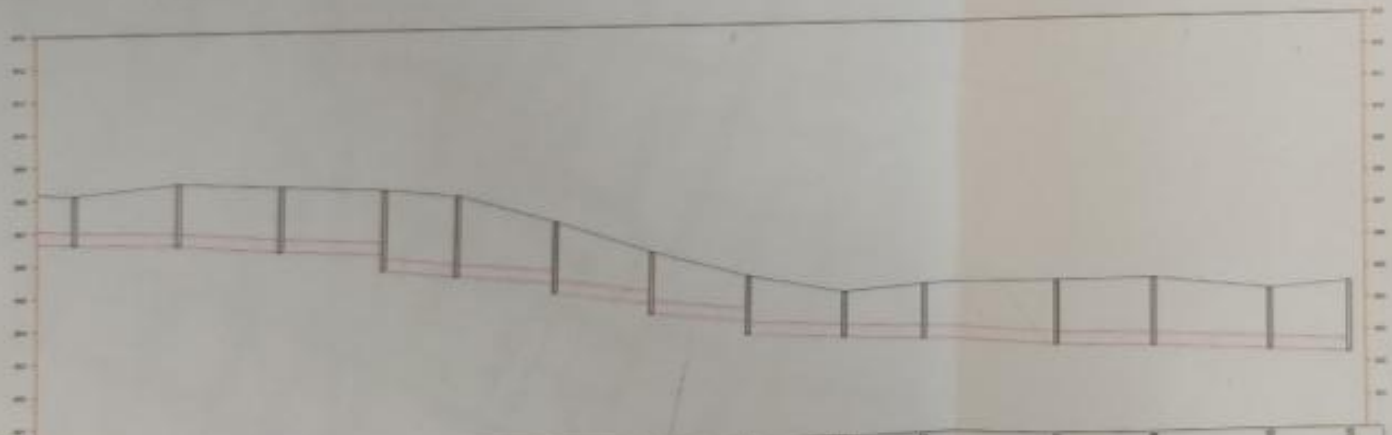
BANGALORE WATER SUPPLY AND SEWERAGE BOARD

PROJECT: DRAWING FOR THE WORK OF PROVIDING AND LAYING 300MM DIA RCC NP3 CLASS SEWER LINE FROM COBBONPET MAIN ROAD TO DHARMARAYA SWAMY TEMPLE ROAD, THIGALARPET, COMING UNDER BANNAPPA PARK S/Sh AREA OF AEE SW-1 SUB DIVISION. (SH 01 OF 02)

SURVEYED & DRAWN: Vidya ENTERPRISES Ph. 9686000030

AEE SW-1

(E) SW-1



DATUM-900.000	
GROUND LEVEL	
INVERT LEVEL	
DEPTH OF CUT	
CHAINAGE	
CUMULATIVE CHAINAGE	
STATION	

NOTES

1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE MENTIONED.
2. ALL LEVELS ARE WITH REFERENCE TO THE SITE BENCH MARK ENGRAVED ON CURBSTONE PAPER SHALL BE TAKEN AS PER APPROVED STATUS IN CENTRE OF THE STONES ON EAST SIDE OF SIXTH ACTUAL'S STATUE IN CUBBON PARK.
3. TOP OF MANHOLE SHALL BE FLUSH WITH FINISHED ROAD LEVEL UNLESS NOTED OTHERWISE.
4. BEDDING TO BE PROVIDED SHALL BE AS PER DRAWING OR AS DIRECTED BY THE ENGINEER.
5. DURING EXCAVATION IF SOIL IS FOUND TO BE UNUSUAL THE CONTRACTOR SHALL REPORT TO ENGINEER FOR DESIGNING APPROPRIATE BEDDING TO BE PROVIDED FOR SAME.
6. ACTUAL ALIGNMENT OF SEWERS AND EXACT LOCATIONS OF MANHOLES SHALL BE AS PER TO CONDITIONS & AS DIRECTED BY ENGINEER.
7. THE CONNECTION FROM TO THE EXISTING MANHOLE SHALL BE DONE WITH PRIOR PERMISSION & AS DIRECTED BY THE ENGINEER.
8. IF THE TRUNK SEWER RUNS IS PARALLEL TO DRAIN, THEN THE TOP OF MANHOLES SHOULD BE ADJUST 0.5m ABOVE THE HFL OF THE DRAIN OR AS DIRECTED BY THE ENGINEER.
9. WORK TO PROCEED FROM LOWER TO TOWARDS HIGHER & UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
10. ALIGNMENT FOR PIPE WORKS TO BE FINALISED BASED ON AVAILABILITY OF SPACE, IN CONSULTATION WITH THE DESIGN OFFICE.
11. VENTILATING SHAFT ARE PROVIDED AT INTERVALS FOR PRESSURE MANHOLES IN SWD.
12. DURING CONDITION ASSESSMENT, THE EXISTING MANHOLES/PIPES WERE FOUND TO BE IN GOOD CONDITION THOSE CAN BE RETAINED, HOWEVER IN FUTURE IF REQUIRED THEY CAN BE REPLACED WITH RCC NP3 PIPES OF SAME DIAMETER.
13. WHENEVER THE PIPE IS CROSSING STORM WATER DRAIN, AN BEDDING SHALL BE PROVIDED.

ABBREVIATIONS

EMH – EXISTING MANHOLE
IL – INVERT LEVEL
MH – MANHOLE
L – LENGTH
GL – GROUND LEVEL

LEGENDS

PROPOSED MANHOLE (MH) –
EXISTING MANHOLE (EMH) –
PROPOSED ALIGNMENT –
GROUND LEVEL AS PER SURVEY –
FLOW DIRECTION –

FOR APPROVAL
DO NOT SCALE

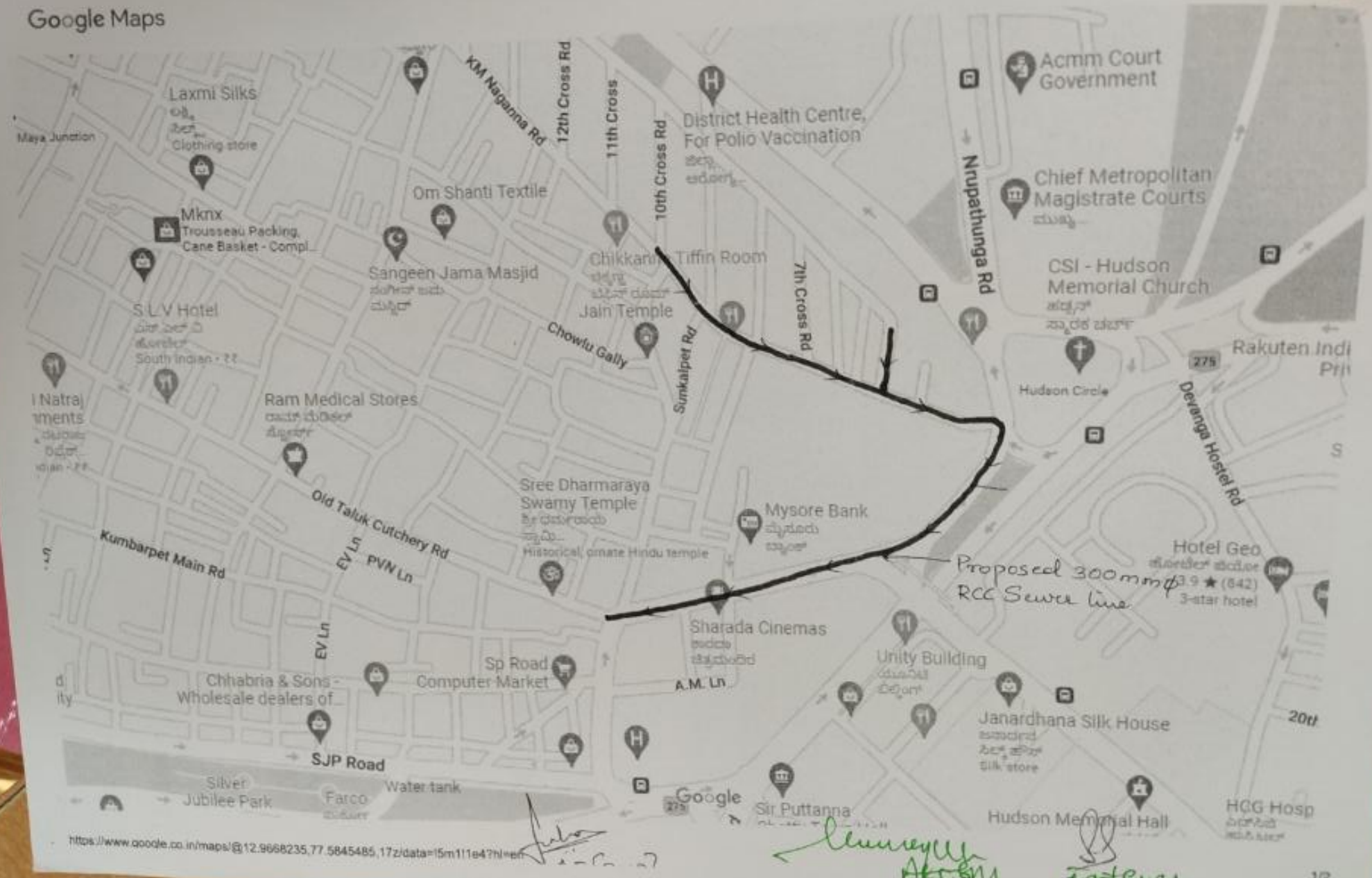
BANGALORE WATER SUPPLY AND SEWERAGE BOARD

PROJECT: DRAWING FOR THE WORK OF PROVIDING AND LAYING 300MM DIA RCC NP3 CLASS SEWER LINE FROM COBBONPET MAIN ROAD TO ISHARMARAYA SWAMY TEMPLE ROAD, THIGALARPET, COMING UNDER BANNAPPA PARK S.Dn AREA OF AEE SW-I SUB DIVISION. (SH 02 OF 02)

SURVEYED & DRAWN:

AEE SW-I

TO DHARMARAYA SWAMY TEMPLE ROAD
OTHER ROAD
A T STREET
26TH CROSS
JUMMA MASJID LANE
BS Mkt
Paras Market
JM CROSS ROAD
ANJANEYA TEMPLE STREET
OLD CHMARAJPET RD
28TH CROSS
17TH CROSS
16TH CROSS
DISTRICT_OFFICERS_ROAD
Sree Lodge
Corp Market
CUBBON PET MAIN RD
Sharadha Vidya Kendra
Comfort Hotel
Hudson Church
RK Poly Clinic
Gumbaz Masjid
IFC of India
Mahib Sha Kadiri Darga
Ulsoor Gate Traffic Police Station
KSTDC
Bux Ranka House
Abbas Khan College for Women
Pai Vihar Hotel
LIC Guest House
Hazarat Syed Darga
LIC
LIC of India Office
ATM
Unity Building
BMC Main Office
BMP
BMP Office
BMC Post Office
KASTURBA ROAD
MISSION RD
NRUPATUNGA ROAD
Megistrate Court
Krishi Bhavan
DY Commissioner & District Magistrate
Mishkat Ul-Uloom
Sangeen Jumma Masjid
SJM Primary & High School
Government Urdu School
DASPANT LANE
GANGIGAR D LANE
GANGIGAR A LANE
GANIGARA C LANE
APPAJI RAO LANE
PILLAPPA LANE
NAGARATH PET CROSS
OTC RD
GB LANE
Ganga Parameswari Temple
SAKALAPPA LANE
MM LANE
SK LANE
PVN LANE
DVR ROAD
DR LANE
GR LANE
VR LANE
EV LANE
AM LANE
PM LANE
GNAGIRA RD
SUNKAL PETE MAIN RD
1ST CROSS
2ND CROSS
3RD CROSS
RM LANE
Abyaanjaneya Temple
Proposed 300 mm ϕ Sewer Line
AE/JE
AEE SW-1
EE SW-1


Google Maps
Laxmi Silks
Clothing store
Maya Junction
KM Nagappa Rd
12th Cross Rd
11th Cross
10th Cross Rd
District Health Centre, For Polio Vaccination
Acmm Court Government
Nrupathunga Rd
Chief Metropolitan Magistrate Courts
Om Shanti Textile
Mknx
Trousseau Packing, Cane Basket - Compl...
Sangeen Jama Masjid
Chikkanna Tiffin Room
Jain Temple
7th Cross Rd
CSI - Hudson Memorial Church
S.L.V Hotel
South Indian
Chowlu Gally
Sunkalpet Rd
Hudson Circle
275
Devanga Hostel Rd
Ram Medical Stores
Old Taluk Cutchery Rd
Kumbarpet Main Rd
EV Ln
PVN Ln
Sree Dharmaraya Swamy Temple
Historical, ornate Hindu temple
Mysore Bank
Proposed 300mm ϕ RCC Sewer line
Hotel Geo
3.9 ★ (642)
3-star hotel
Sharada Cinemas
Unity Building
Sp Road
Computer Market
Chhabria & Sons - Wholesale dealers of...
A.M. Ln
Janardhana Silk House
SJP Road
Silver Jubilee Park
Farco
Water tank
Google
Sir Puttanna
Hudson Memorial Hall
HCG Hosp
https://www.google.co.in/maps/@12.9668235,77.5845485,17z/data=!5m1!1e4?hl=en
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